MPE CALCULATION

FCC ID: 2AAD5-PRINTWIFI1500 / **IC ID:** 11687A-PRINTWIFI1

RF Exposure Requirements:	47 CFR §1. 1307(b)
RF Radiation Exposure Limits:	47 CFR §1. 1310
RF Radiation Exposure Guidelines:	FCC OST/OET Bulletin Number 65
EUT Frequency Band:	2412-2462 MHz
Limits for General Population/Uncontrolled Exposure in the band of:	1500 - 100,000 MHz
Power Density Limit:	1 mW / cm^2

Equation: $S = PG / 4\pi R^2$ or $R = \sqrt{PG / 4\pi S}$

Where, S = Power Density

P = Power Input to Antenna

G = Antenna Gain

R = distance to the center of radiated antenna

Prediction distance 20cm

(DTS Band): Power = 194.73 mW (Maximum peak output power),

Antenna Gain = 2.51 (Numerical Antenna gain; equal to 4.0 dBi)

Power density = 0.097 mW/ cm2

The Above Result had shown that the Device complied with MPE requirement.

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Date: October 10, 2014